



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joydeep Lahiri, et al

Serial No: 09/854786

Filed: 5/14/2001

For: ARRAYS OF BIOLOGICAL  
MEMBRANES AND METHODS AND  
USE THEREOF

Examiner: My Chau T. Tran

Group Art Unit: 1639

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97 – 1.98

Commissioner of Patents  
Alexandria, VA 22313-1450

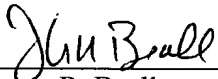
Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. One copy of the reference(s) is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

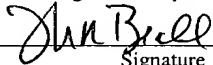
Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

Respectfully submitted,

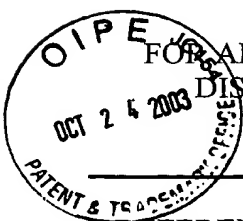
  
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Date: October 22, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents, Alexandria, VA 22313-1450 on October 22, 2003  
Date of Deposit

\_\_\_\_\_  
Thomas R. Beall  
Name of applicant, assignee, or  
Registered Representative

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
October 22, 2003  
Date of Signature



FORM PTO-1449 (MODIFIED)

ATTORNEY DOCKET NO.

SERIAL NO.

LIST OF PATENTS AND  
PUBLICATIONS

SP00-230

09/854786

FOR APPLICANTS INFORMATION  
DISCLOSURE STATEMENT

APPLICANT

Joydeep Lahiri, et al.

FILING DATE

5/14/2001

GROUP:

1639

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| Examiner Initial |    | Document Number | Date     | Name               | Class | Sub-Class | Filing Date if Approp. |
|------------------|----|-----------------|----------|--------------------|-------|-----------|------------------------|
|                  | AA | 4,933,285       | 06-12-90 | Jesse C. Patton    | 435   | 181       |                        |
|                  | AB | 5,756,355       | 05-26-98 | Holger Lang et al. | 435   | 7.21      |                        |
|                  | AC |                 |          |                    |       |           |                        |
|                  | AD |                 |          |                    |       |           |                        |
|                  | AE |                 |          |                    |       |           |                        |
|                  | AF |                 |          |                    |       |           |                        |
|                  | AG |                 |          |                    |       |           |                        |
|                  | AH |                 |          |                    |       |           |                        |
|                  | AI |                 |          |                    |       |           |                        |
|                  | AJ |                 |          |                    |       |           |                        |
|                  | AK |                 |          |                    |       |           |                        |

FOREIGN PATENT DOCUMENTS

|  |    | Document Number | Date | Country | Class | Sub-Class | Translation Yes | No |
|--|----|-----------------|------|---------|-------|-----------|-----------------|----|
|  | AL |                 |      |         |       |           |                 |    |
|  | AM |                 |      |         |       |           |                 |    |
|  | AN |                 |      |         |       |           |                 |    |
|  | AO |                 |      |         |       |           |                 |    |
|  | AP |                 |      |         |       |           |                 |    |
|  | AQ |                 |      |         |       |           |                 |    |

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |  |
|--|----|--|
|  | AR | A.L. Plant, "Supported Hybrid Bilayer Membranes as Rugged Cell Membrane Mimics", Langmuir 1999, Vol. 15, pgs. 5128-5135  |
|  | AS | H. Lang et al., "A New Class of Thiolipids for the Attachment of Lipid Bilayers on Gold Surfaces", Langmuir 1994, Vol. 10, pgs. 197-210                              |
|  | AT | B. Raguse et al., "Tethered Lipid Bilayer Membranes: Formation and Ionic Reservoir Characterization", Langmuir 1998, Vol. 14, pgs. 648-659                           |
|  | AU | P.S. Cremer et al., "Creating Spatially Addressed Arrays of Planar Supported Fluid Phospholipid Membranes", Journal of Am. Chem. Soc. 1999, Vol. 121, pgs. 8130-8131 |
|  | AV |  |
|  | AW |  |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.